

## **ANGIOGRAPHIC SYSTEM WITH AUTOMATIC HIGH/LOW PRESSURE SWITCHING**

### **ABSTRACT OF THE DISCLOSURE**

An angiographic injector system includes a manifold and valve which selectively connects either a syringe pump or a low pressure system to a catheter which is inserted into a patient. The valve is normally biased to a state which connects the low pressure system to the catheter for pressure monitoring, saline flushing, or aspirating functions. When an injection is to be made, the valve automatically switches so that the low pressure system is disconnected and not exposed to high pressure, while the syringe pump is connected through the manifold to the catheter.